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Plant Variety Protection Office Official Journal



RECEIVED
MAY 1989

PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office
Commodities Scientific Support Division
Agricultural Marketing Service
U. S. Department of Agriculture
Rm. 500, NAL Bldg.
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APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. The seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
ALFALFA 8900266	WL 317	07/13/89	W-L Research, Inc.
8900278	Crockett	07/27/89	Northrup King Co.
8900282	MultiLeaf 1	08/02/89	Northrup King Co.
BARLEY 8900267	<AC82-117-11>	(2) 07/14/89	Adolph Coors Company
8900268	<AC84-66-15>	(3) 07/14/89	Adolph Coors Company
BENTGRASS, CREEPING 8900287	Providence	08/04/89	University of Rhode Island

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BLUEGRASS, ROUGH 8900288	<RH-86>	07/31/89	Lofts Seed, Inc.
CARROT 8900329	Texas Gold Spike	09/28/89	Texas Agricultural Experiment Station
CAULIFLOWER 8900273	Sernio	07/21/89	Royal Sluis, Inc.
CORN, FIELD 8900263	4N506	07/05/89	Funk Seeds International
8900307	PHJ31	09/28/89	Pioneer Hi-Bred International, Inc.
8900308	PHJ33	09/28/89	Pioneer Hi-Bred International, Inc.
8900309	PHJ70	09/28/89	Pioneer Hi-Bred International, Inc.
8900310	PHJ75	09/28/89	Pioneer Hi-Bred International, Inc.

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APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
CORN, FIELD (Continued)			
8900311	PHK35	09/28/89	Pioneer Hi-Bred International, Inc.
8900312	PHM10	09/28/89	Pioneer Hi-Bred International, Inc.
8900313	PHM57	09/28/89	Pioneer Hi-Bred International, Inc.
8900314	PHN29	09/28/89	Pioneer Hi-Bred International, Inc.
8900315	PHN37	09/28/89	Pioneer Hi-Bred International, Inc.
8900316	PHN73	09/28/89	Pioneer Hi-Bred International, Inc.
8900317	PHN82	09/28/89	Pioneer Hi-Bred International, Inc.
8900318	PHP55	09/28/89	Pioneer Hi-Bred International, Inc.
8900319	PHP60	09/28/89	Pioneer Hi-Bred International, Inc.

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APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
CORN, FIELD (Continued)			
8900320	PHR62	09/28/89	Pioneer Hi-Bred International, Inc.
8900321	PHR63	09/28/89	Pioneer Hi-Bred International, Inc.
8900322	PHR22	09/28/89	Pioneer Hi-Bred International, Inc.
8900323	PHV37	09/28/89	Pioneer Hi-Bred International, Inc.
8900324	PHW03	09/28/89	Pioneer Hi-Bred International, Inc.
8900325	PHW20	09/28/89	Pioneer Hi-Bred International, Inc.
8900326	PHW43	09/28/89	Pioneer Hi-Bred International, Inc.
COTTON			
8900269	Paymaster 147	(3) 07/17/89	Cargill Hybrid Seeds
8900270	Paymaster 892	(3) 07/17/89	Cargill Hybrid Seeds

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APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
COTTON (Continued)			
8900290	Coker 320	08/17/89	Northrup King Co.
DELPHINIUM			
8900328	Magic Fountains White	09/25/89	John Bodger & Sons Co.
FESCUE, TALL			
8900298	Shortstop	09/13/89	Pickseed West Inc.
8900301	Richmond	09/18/89	International Seeds Inc.
8900306	Maverick II	09/26/89	Pickseed West Inc.
LENTIL			
8900279	Lolita	08/28/89	Wilbur Ellis Company
LETTUCE			
8900280	Maverick II	08/02/89	Genecorp, Inc.

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APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
LETTUCE (Continued)			
8900281	Raider	08/02/89	Genecorp, Inc.
8900294	Prince	08/30/89	Genecorp, Inc.
8900299	Desert Spring	09/13/89	Genecorp, Inc.
8900305	<XP 5420>	09/26/89	Asgrow Seed Company
LOBELIA, ANNUAL			
8900285	<P140>	08/03/89	Sluis & Groot Research
8900286	<P183>	08/03/89	Sluis & Groot Research
MARIGOLD			
8900302	Disco Flame	09/25/89	John Bodger & Sons Co.
8900303	Hero Orange	09/25/89	John Bodger & Sons Co.

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< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
MARIGOLD (Continued)				
8900304	Safari Yellow		09/25/89	John Bodger & Sons Co.
ONION				
8900276	<NIZ 0110>		07/25/89	Nickerson-Zwaan B.V.
8900277	<NIZ 0111>		07/25/89	Nickerson-Zwaan B.V.
PEA				
8900296	Dignity		09/08/89	Crites-Moscow Growers, Inc.
RYEGRASS (LOLIUM X HYBRIDUM)				
8900275	Concord		07/25/89	Challenge Seeds Limited
RYEGRASS, ANNUAL				
8900300	Surrey		09/14/89	Florida Agricultural Experiment Station
8900327	Jackson		09/28/89	Mississippi Agricultural and Forestry Experiment Station

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APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
RYEGRASS, PERENNIAL 8900265	Vantage	07/10/89	International Seeds Inc.
8900272	Yatsyn 1	(3) 07/19/89	New Zealand Agriseeds Ltd.
8900289	Stallion	08/17/89	KWS-AG
8900297	Accolade	09/11/89	The O. M. Scott & Sons Company
8900330	Aquarius	09/29/89	KWS-AG
SORGHUM 8900283	R145	08/02/89	Northrup King Co.
SOYBEAN 8900271	Camp	(2) 07/12/89	Virginia Polytechnic Institute and State University
8900284	6925	08/02/89	Northrup King Co.

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< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1989 TO SEPTEMBER 30, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
SOYBEAN (Continued)			
8900291	6955	08/17/89	Northrup King Co.
8900292	6995	08/17/89	Northrup King Co.
TOMATO			
8900274	<XP 5034>	07/24/89	Asgrow Seed Company
WHEAT, COMMON			
8900293	Merrimac	(3) 08/21/89	Wisconsin Agricultural Experiment Station
8900295	Arapahoe	(3) 09/01/89	Board of Regents, University of Nebraska and USDA-ARS

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< > Identifies temporary designations.

APPLICATIONS AMENDED

JULY 1, 1989 TO SEPTEMBER 30, 1989

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BEAN, GARDEN			
8600097	Bl69	02/27/86	Asgrow Seed Company
	Variety with temporary designation of <XP-Bl69> named 'Bl69'.		
COTTON			
8900207	S-35	05/11/89	Seed Source, Inc.
	Name of variety changed by owner from 'Suregrow 35' to 'S-35'.		
8900208	S-55	05/11/89	Seed Source, Inc.
	Name of variety changed by owner from 'Suregrow 55' to 'S-55'.		

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
< > Identifies temporary designations.

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE
JULY 1, 1989 TO SEPTEMBER 30, 1989

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act, varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>APPL. NO. R</u>	<u>VARIETY</u>
WHEAT, COMMON	8700068	7101

< > Identifies temporary designations.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1989 TO SEPTEMBER 30, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BEAN, GARDEN 8600094	Yukon		09/29/89	Asgrow Seed Company
	'Yukon' is most similar to 'Goldrush'; however, 'Yukon' has a greater percentage of 5-sieve-sized pods (53 vs 13%) and larger seed (1,712 vs 1,964 seeds/lb) than 'Goldrush'.			
FESCUE, TALL 8700178	Cajun		07/31/89	International Seeds Inc.
	'Cajun' most closely resembles 'AU-Triumph'; however, 'Cajun' has a mean 50% heading date 7 days later than 'AU-Triumph'.			
OAT 8400135	833		07/31/89	Arkansas County Seed Co., Inc.
	'833' most nearly resembles 'Big Mac'; however, '833' has a more nearly prostrate juvenile growth habit and the primary lemma of '833' is greyed yellow on the Royal Horticultural Society (RHS) Colour Chart, 161D, and longer (18.7 vs 14.4 mm) than that of 'Big Mac'. The primary lemma of 'Big Mac' is RHS Colour Chart greyed orange, 164D.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1989 TO SEPTEMBER 30, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
OAT (Continued)				
8800204	Mesquite II		08/31/89	Douglass W. King Co.
	'Mesquite II' is most similar to 'Mesquite'; however, 'Mesquite II' has yellow-green (RHS Colour Chart 147A) leaf color whereas the leaf color of 'Mesquite' is green (RHS Colour Chart 137C). 'Mesquite II' has seedling and adult plant resistance to most races of stem rust common in south Texas whereas 'Mesquite' is susceptible to stem rust.			
RYEGRASS, PERENNIAL				
8700155	SR 4000		09/29/89	Seed Research of Oregon, Inc.
	'SR 4000' is most similar to 'Citation II'; however, 'SR 4000' matures an average of 8 days later than 'Citation II'.			
SOYBEAN				
8900060	Conrad	(3)	09/29/89	Iowa Agriculture and Home Economics Experiment Station
	'Conrad' is most similar to 'Century 84'; however, 'Conrad' has tan pods and brown hila whereas 'Century 84' has brown pods and black hila.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1989 TO SEPTEMBER 30, 1989

CERT. NO.	VARIETY	GEN. ISSUE (*)	NAME OF OWNER
TOMATO			
8700116	71-75	08/31/89	Del Monte Corporation
	'71-75' is most similar to 'UC 82'; however, '71-75' is a jointless-pedicel tomato with yellow fruits whereas 'UC 82' is a pedicellate tomato with red fruits.		
8700143	Ohio 8243	09/29/89	Dr. Stanley Z. Berry and The Ohio State University
	'Ohio 8243' is most similar to 'Ohio 7870'; however, 'Ohio 8243' is jointless, conferred by the j2 gene whereas 'Ohio 7870' has a jointed pedicel.		
TRITICALE			
8400144	Triti-Gold 22	09/29/89	Dean Bork
	'Triti-Gold 22' is most similar to 'Trailblazer'; however, 'Triti-Gold 22' has purple auricles and erect flag leaves whereas 'Trailblazer' has white auricles and drooping flag leaves. 'Triti-Gold 22' is more winterhardy than 'Trailblazer'.		

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1989 TO SEPTEMBER 30, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, COMMON				
8300151	Arkan	(3)	07/31/89	Kansas Agricultural Experiment Station
	'Arkan' is most similar to 'Sage'; however, 'Arkan' is resistant to soilborne mosaic virus and biotypes 'Gp', 'A', and 'C' of Hessian fly whereas 'Sage' is susceptible to soilborne mosaic virus and to Hessian fly.			
8500194	5630		09/29/89	Lubrizol Genetics, Inc.
	'5630' is most similar to 'Plainsman V'; however, '5630' flowers 4 days later than 'Plainsman V' under western Kansas irrigated conditions.			
8500196	5469		09/29/89	Lubrizol Genetics, Inc.
	'5469' is most similar to 'Plainsman V' except '5469' is susceptible to soilborne wheat mosaic virus whereas 'Plainsman V' is resistant.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1989 TO SEPTEMBER 30, 1989

CERT. NO.	VARIETY	GEN. (*) ISSUE DATE	NAME OF OWNER
WHEAT, COMMON (Continued)			
8700188	Syringa	(3) 08/31/89	Plant Breeders 1, Inc.
	'Syringa' is most similar to 'Hyslop'; however, the internode length between the flag leaf and the next leaf below is 3.4 cm greater for 'Syringa' than for 'Hyslop'. The head color of 'Syringa' is RHS 137B whereas the head color of 'Hyslop' is RHS 138C. Test weight of 'Syringa' averages 3% greater (59.8 vs 58.1 lbs/bu) than that of 'Hyslop'.		
8800095	Clark	(2) 07/31/89	Purdue University Agricultural Experiment Station
	'Clark' is most similar to 'Caldwell' except 'Clark' develops coleoptiles with a narrow purple streak and has glumes which are brown at maturity whereas 'Caldwell' develops white coleoptiles and has yellow glumes at maturity. 'Clark' is resistant to biotype D of the Hessian fly; 'Caldwell' is susceptible to biotype D of the Hessian fly.		

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1989 TO SEPTEMBER 30, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, COMMON (Continued)				
8800231	Baker	(*)	08/31/89	Western Plant Breeders, Inc.
'Baker' is most similar to 'Yecora Rojo'; however, 'Baker' has square glume shoulders whereas 'Yecora Rojo' has elevated glume shoulders. 'Baker' has smoother awns than 'Yecora Rojo' and a distinctly more yellow head color and visually more pronounced anthocyanin content of the auricles than 'Yecora Rojo'.				
WHEAT, DURUM				
8900082	Durex	(3)	07/31/89	Farmers Marketing Corporation
'Durex' is most similar to 'Mexicali 75'; however, the seed of 'Durex' have rounded cheeks and narrow creases whereas the seed of 'Mexicali 75' have angular cheeks and wide creases.				

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CERTIFICATES AMENDED
JULY 1, 1989 TO SEPTEMBER 30, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BEAN, GARDEN				
7100029	Sunrise		06/24/74	Rogers Brothers Seed Company
7100030	Lake Shasta		08/12/74	Rogers Brothers Seed Company
7100031	Lake Erie		08/12/74	Rogers Brothers Seed Company
7100033	Rebel		09/30/74	Rogers Brothers Seed Company
7100034	Lake Superior		05/21/74	Rogers Brothers Seed Company
7100036	Miami		02/28/74	Rogers Brothers Seed Company
7200068	Lake Geneva		05/21/74	Rogers Brothers Seed Company
7400069	Raider		07/26/74	Rogers Brothers Seed Company

Name of owner of the above changed from Sunseeds Genetics, Inc. to Rogers Brothers Seed Company.

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< > Identifies temporary designations.

CERTIFICATES AMENDED

JULY 1, 1989 TO SEPTEMBER 30, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	CERT. (*)	ISSUE DATE	NAME OF OWNER
BEAN, GARDEN (Continued)				
7500096	Lake Seneca		11/24/75	Rogers Brothers Seed Company
7600058	Paymaster		12/07/77	Rogers Brothers Seed Company
7600059	Lakeland		01/26/78	Rogers Brothers Seed Company
7600060	Green Genes		12/07/77	Rogers Brothers Seed Company
7600061	Triumph		12/30/77	Rogers Brothers Seed Company
7700058	Conquest		07/26/77	Rogers Brothers Seed Company
7900045	Empress		04/15/82	Rogers Brothers Seed Company
8000111	Keygold		10/16/80	Rogers Brothers Seed Company

Name of owner of the above changed from Sunseeds Genetics, Inc. to Rogers Brothers Seed Company.

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 < > Identifies temporary designations.

CERTIFICATES AMENDED

JULY 1, 1989 TO SEPTEMBER 30, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BEAN, GARDEN (Continued)				
8100174	Profit Maker		04/28/83	Rogers Brothers Seed Company
8200007	Shannon		04/28/83	Rogers Brothers Seed Company
8400037	Mikado		03/31/87	Rogers Brothers Seed Company
8500079	EZ Harvest		05/29/87	Rogers Brothers Seed Company
8500080	EZ Pick		05/29/87	Rogers Brothers Seed Company

Name of owner of the above changed from Sunseeds Genetics, Inc. to Rogers Brothers Seed Company.

8600094 Yukon 09/29/89 Asgrow Seed Company

Variety with temporary designation of <XP-B186> named 'Yukon'.

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CERTIFICATES AMENDED

JULY 1, 1989 TO SEPTEMBER 30, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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ONION

8200019	Omo M		10/28/82	Les Produits Organiques du Santerre-Orsan S.A. and Oshita International, Inc.
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Name of owner changed from Les Produits Organiques du Santerre-Orsan S.A. & Mor-Green, Inc. to Les Produits Organiques du Santerre-Orsan S.A. & Dalgety Produce, Inc. to Les Produits Organiques du Santerre-Orsan S.A. & Oshita International, Inc.

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< > Identifies temporary designations.

CERTIFICATES AMENDED

JULY 1, 1989 TO SEPTEMBER 30, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
PEA				
8300074	Sunset	04/30/84		Rogers Brothers Seed Company
8500101	Alpine	09/27/85		Rogers Brothers Seed Company
8500163	Mendota	05/30/86		Rogers Brothers Seed Company
8600017	Polaris	07/31/86		Rogers Brothers Seed Company

Name of owner of the above changed from U.F. Genetics, Inc. to Sunseeds Genetics, Inc.
to Rogers Brothers Seed Company.

TOBACCO

8200001 K399

(*) 07/15/82 Northrup King Co.

The above variety to be sold by variety name only as a class of certified seed.

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< > Identifies temporary designations.

CERTIFICATES AMENDED

JULY 1, 1989 TO SEPTEMBER 30, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
TOBACCO (Continued)				
8300070	K326	(*)	03/26/84	Northrup King Co.
8700040	K394	(*)	08/31/87	Northrup King Co.
8800070	K340	(*)	06/30/88	Northrup King Co.

The above varieties to be sold by variety name only as a class of certified seed.

WHEAT, COMMON

8500194 5630

09/29/89 Lubrizol Genetics, Inc.

Variety with temporary designation of <5630> named '5630'.

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CERTIFICATES AMENDED
JULY 1, 1989 TO SEPTEMBER 30, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, COMMON (Continued)				
8500196	5469		09/29/89	Lubrizol Genetics, Inc.
Variety with temporary designation of <5469> named '5469'.				
8600009	9227	(3)	05/31/88	Northrup King Co.
8600010	9323	(3)	04/29/88	Northrup King Co.
8700159	Coker 9733	(3)	01/31/89	Northrup King Co.
8800005	Coker 833	(3)	12/30/88	Northrup King Co.

The above 4 varieties to be sold by variety name only as a class of certified seed with 3 generations of certified seed permitted beyond breeder's seed.

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- (*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
< > Identifies temporary designations.

CERTIFICATES EXPIRED

JULY 1, 1989 TO SEPTEMBER 30, 1989

The term of protection has expired for the certificates listed below. The U.S. Plant Variety Protection Act no longer prohibits the unauthorized propagation of these varieties nor requires them to be sold by variety name only as a class of certified seed. However, varieties published in this list may possibly be protected under the Patent Act.

CERT. NO.	VARIETY	GEN. EXPIRATION (*) DATE	NAME OF APPLICANT
PEA			
7200053	Colworth Swan	09/30/89	Unilever, Ltd., U.K.

(*) The Plant Variety Protection Act no longer requires these varieties to be sold by variety name only as a class of certified seed.

DESCRIPTION OF PUBLIC VARIETY

In accordance with section 180.800 of the Plant Variety Protection Act, descriptions of "public varieties" voluntarily submitted on PVP objective description forms will be accepted for publication in the Official Journal. Publication of such descriptions in no way constitutes recognition of the variety as novel or entitles it to protection under the Plant Variety Protection Act.

The following is a description of a public variety of tobacco released by the North Carolina Agricultural Research Service, North Carolina State University, Raleigh, N. C. 27695, on September 1, 1989.

The "PV Number" assigned to the variety should not be construed as meaning the variety is protected under the Plant Variety Protection Act; it is merely the accession number of the variety in the Office's database of tobacco variety descriptions.

Requests for seed and further information about this variety should be directed to F. W. Rickard Seed, Inc., Winchester, Kentucky.

VOLUNTARY TOBACCO DESCRIPTION:

Variety Name: 'NC BH129'

PV Number: 9010001

'NC BH129' is a cytoplasmic male-sterile F1 burley tobacco hybrid resulting from a cross of NC 638 X TN 86. The hybrid is noted for its very fast growth rate; it flowers early and is early maturing. The plants produce very large leaves that are heavy and somewhat drooping, and internode lengths are longer than standard burley varieties. The number of leaves per plant is not high, yet yields of cured leaf are comparable or higher than most contemporary varieties. Although the topped plants are taller than most varieties, the hybrid possesses a strong root system, and appears to be quite storm resistant.

Breeders: Drs. E. A. Wernsman, R. C. Ruffy and C. M. Sasscer, Crop Science Department, N. C. State University.

Year of release	1989
Originator	N. C. State University
Curing class	Burley
Days to flower	78
Plant height	159 cm
2 cm shorter than	MS KY 14 X L8
same as	KY 14
20 cm taller than	VA 509
Leaf 5 length	69.0 cm
Same as	KY 14
2.5 cm longer than	VA 509
Leaf 10 length	72.8 cm
Same as	KY 14
3.1 cm longer than	VA 509
Leaf 15 length	63.6 cm
Same as	KY 14
2.0 cm longer than	VA 509
Leaf 5 width	30.6 cm
Same as	KY 14
1.8 cm wider than	VA 509
Leaf 10 width	35.8 cm
Same as	KY 14
2.9 wider than	VA 509
Leaf 15 width	29.8 cm
Same as	KY 14
4.1 cm wider than	VA 509
Leaf angle class	46-65 degrees
Leaf yield kg/ha	3100
Leaf no. topped	19.8
Leaf no. not topped	22.0
Internode length	70 mm
7 mm longer than	KY 14

(Continued on the following page)

'NC BH129' continued:

Leaf carriage	Arched
Leaf color	Green
Leaf shape	Broadest at middle
Leaf tip shape	Obtuse
Leaf venation pattern	Square
Leaf surface	Smooth
Leaf margin	Not wavy
Leaf margin curving	Recurved
Flower color	Pink
Flower head habit	Intermediate
Plant form	Columnar
Ground suckers	Ø.8 per plant
Black shank	Susceptible
Black root rot	Highly resistant
Blue mold	Susceptible
Wildfire	Highly resistant
Fusarium wilt	Susceptible
Brown spot	Low resistance
Potato virus Y	Susceptible
Tobacco Vein Mottling	Susceptible
Tobacco mosaic virus	Highly resistant
Tobacco etch virus	Susceptible
Root rot nematode	Susceptible
Ozone air pollution	Low resistance
Nicotine %	3.4Ø
Nor nicotine %	Ø.61
Total nitrogen %	4.56

ADDITIONAL PATENT DEPOSITORY LIBRARIES ACCEPTING REQUESTS FOR PLANT VARIETY
PROTECTION APPLICATION AND OBJECTIVE C FORMS
As of September 15, 1989

(Please see the Plant Variety Protection Office Official Journal Vol. 16, No. 3, July--September 1988, for the first list of Patent Depository Libraries accepting requests for these forms.)

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GENERAL INFORMATION

Two New Plant Variety Examiners

Dr. Jeffrey L. Strachan and his wife, Janice M. Strachan, joined the staff of the Plant Variety Protection Office as Plant Variety Examiners on October 22, 1989. Jeff has his Ph.D. in Botany from the University of Montana and will be in charge of alfalfa and soybean as well as numerous other crops. Janice has her Masters Degree in Botany, also from the University of Montana, and will be in charge of corn and peas among other crops.

Telephone Numbers May Change

The Plant Variety Protection Office telephone numbers probably will be changed within the next few months. Please make a note of the main telephone number, 301/344-2518, which will have an automatic message giving the new number.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
NAL BUILDING, ROOM 500
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